pinzine lunterstried K5 = K5A1 (5 A Leuchs band) Thete



# STEREO CASSETTE DECK K-5A

Riemensatz

1x 42A 43 803 UOI County Belt 3060 37 1 × 42A 44234 PO1 Main Best 306038

1x 42 A 4 4 237 Pot Polley Belt 306039

-2/P Switch 140744493PC1 2× 3030.

Pines Roller 01 A44335 Pag 306225

Ph 1 309637 IDLER 49 A 44229 Pol Links 228 PCL Reelts

FIN SOT GOIST FOR E. TYP 3103 19



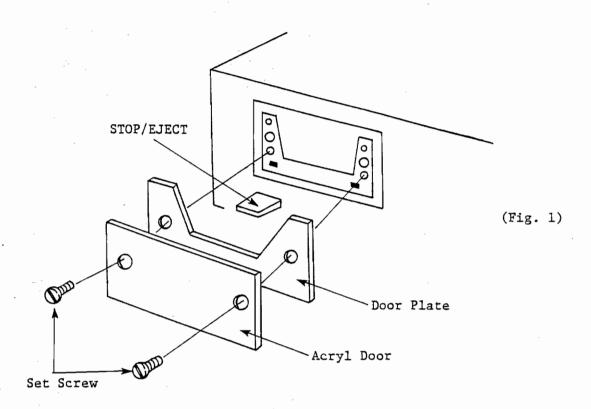
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Step		Adjusting	Test Point	Connection	Remarks
l Head azimuth adjustment	PLAY Equalizer: NOR Dolby: OFF	"A" screw	LINE OUT	Fig. 3	Tape: MTT-114 LINE output: Max.
2 Playback output adjust- ment	PLAY Equalizer: NOR Dolby: OFF	VR101 VR102	LINE OUT	Fig. 3	Tape: MTT-150 LINE output:580mV
3 FL meter adjustment	PLAY Equalizer: NOR Dolby: OFF	VR107, VR105 VR108, VR106	See FL meter	Fig. 3	Tape: MTT-150 FL meter: OVU
4 Normal bias adjustment	RECORD Equalizer: NOR Dolby: OFF	CT101 CT102	T.P.1(Lch) T.P.1' (Rch)	F18. 5	Input: Nothing adjust level to 35mV
l Input adjustment	RECORD Equalizer: NOR Dolby: OFF	VR1-1 VR1-2	LINE OUT	Fig. 4	Test signal line input: 400 Hz, 300mV Adjust REC vol. to 580mV.
2 Recording current adjustment	RECORD Equalizer: NOR Dolby: OFF Blas: Cut off	VR103 VR104	T.P. 1 T.P. 1	F1g. 5	Bias OFF:(ポイントBの配線をはずす) Adjust level to 4mV.
6 Bias readjustment	RECORD Equalizer: NOR Dolby: OFF	CT101	LINE OUT	F18.	Test signal line input: 400 Hz, 300mV Adjust REC VOl until level meter registors OVU.  Test signal line input: 300mV to -20 dB 14 kHz/l kHz recording level  OK at 14 kHz  If 14 kHz > 1 kHz, reduce bias current.  (see step 4)  If 14 kHz < 1 kHz, increase bias current.  (see step 4)  If 14 kHz < 1 kHz, increase bias current.  (see step 4)
7 Recording current readjustment	RECORD Equalizer: NOR Dolby: OFF	VR103 VR104	LINE OUT	F16. 4	Test signal line input: 400 Hz, 300mV Adjust REC vol to 580mV Recording level: OK at 580mV If recording level is less than 580mV, increase recording current. (see step 5-2) If recording level is more than 580mV, reduce recording current. (see step 5-2)

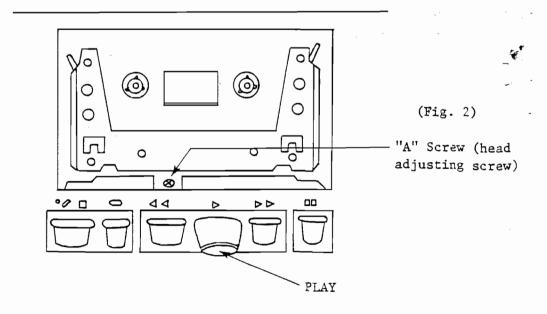
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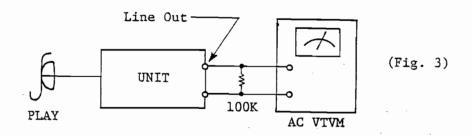
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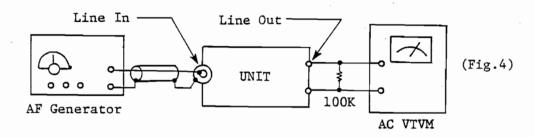
#### Head Azimuth Adjustment

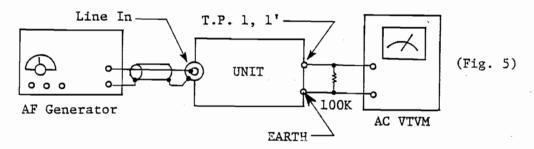
- (1) Close the cassette door, then remove the two set screws. At this point, take care not to let the door plate down. (Fig. 1)
- (2) Take off the door plate then depress the PLAY button, and the azimuth adjusting screw "A" will appear. (Fig. 2)











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- 1 To

Safety Parts List

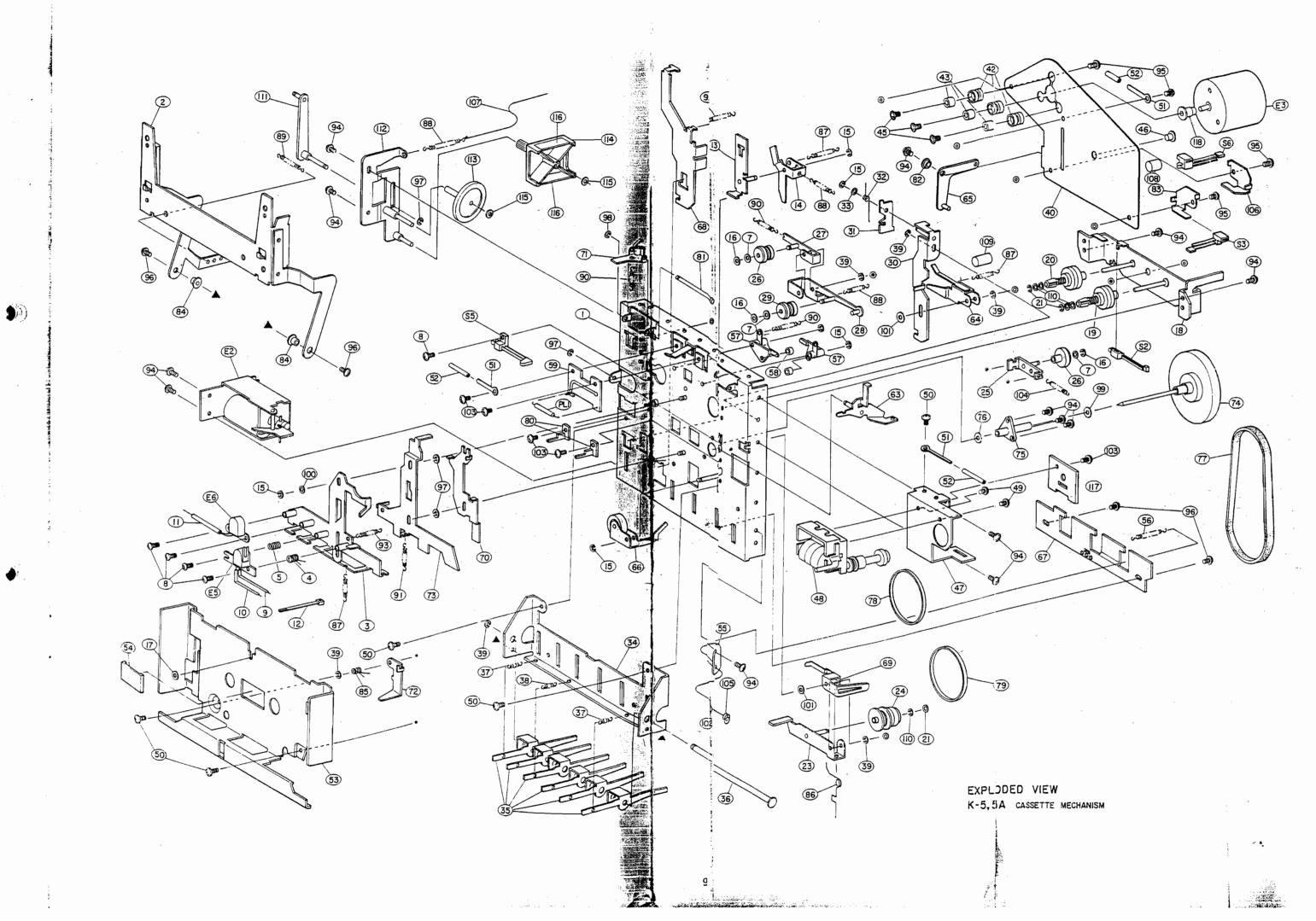
Model K-5A,

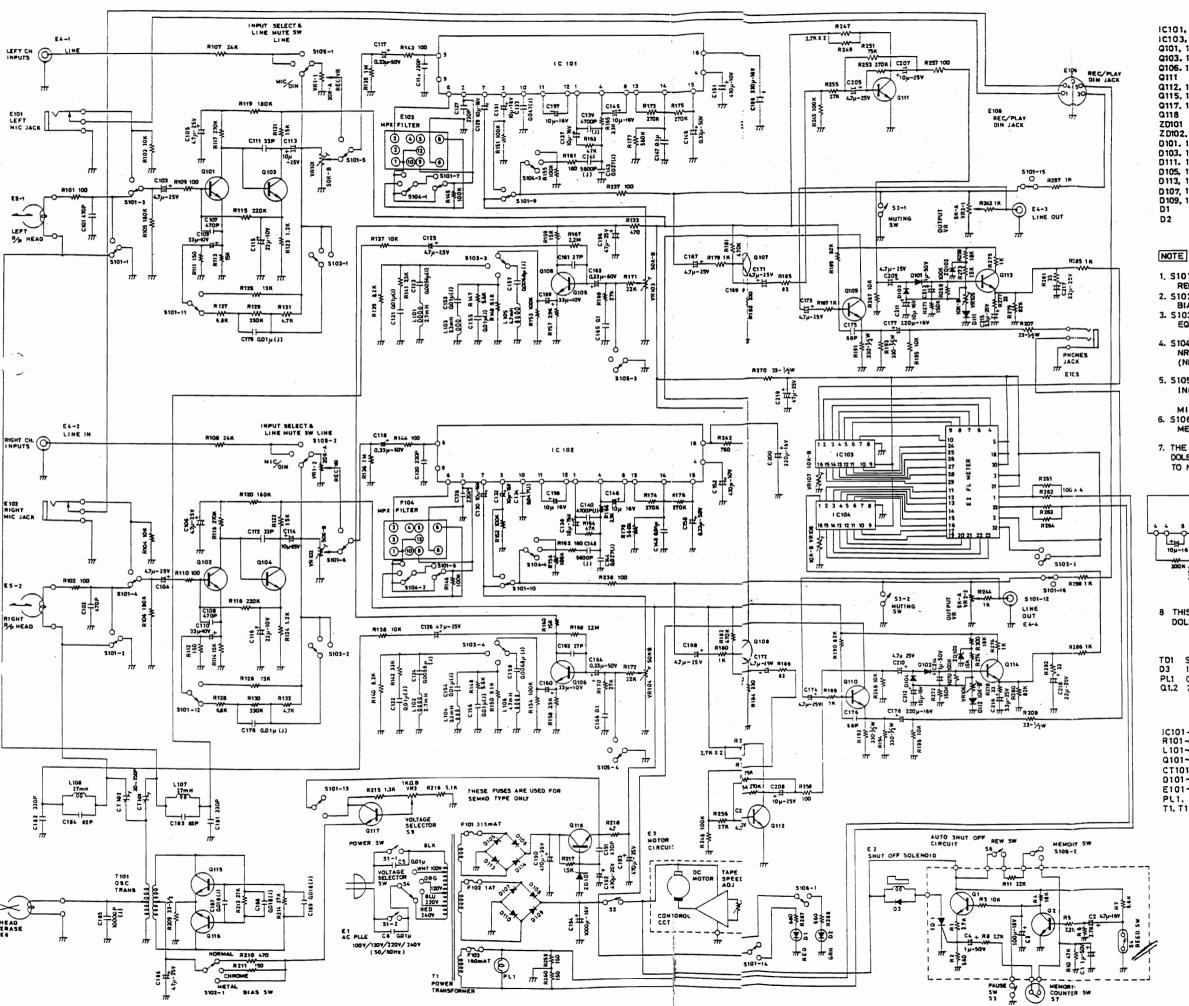
Item	SK	9S	EK	EZ	Zn	nc
Safety Standard	SEMKO, DEMKO BS, VDE, SEV	SEMKO, DEMKO, BS, VDE, SEV	None	None	UL, CSA, LA	UL, CSA LA
Destination	Europe South-East Asia	U.K. Australia New Zealand	Europe Asia	LAA, Middle & South America	LAA Middle & South America	Canada
Power Transformer	220V	240V	220V	120V	120V	120V
Power Switch	SDG5P-E SEMKO, VDE, BSI	SDG5P-E SEMKO, VDE, BSI	SDG5P-E SEMKG, VDE, BSI	SDG5P-E SEMKO, VDE, BSI	SDG1P TV-3 CSA UL	SDG1p TV-3 CSA UL
Fuse (Secondary)	SEMKO Time-Lag OLVIS	SEMKO Time-Lag OLVIS	None	None	None	None
Across the Switch Cap.	RIFA PME271Y SEV, VDE, NEMKO, SEMKO, DEMKO, ÜVE	RIFA PME271Y SEV, VDE, NEMKO, SEMKO, DEMKO, ÖVE	RIFA PME271Y SEV, VDE, NEMKO, SEMKO, DEMKO,	RIFA PME271Y SEV, VDE, NEMKO, SEMKO, DEMKO, ÜVE	Matsushita Electric Ind. ECQ-UC UL, CSA	Matsushita Electric Ind. EQC-UC UL, CSA
Power Supply Cord	DEP-100 *1 Daiwa Electric or KP-419C *2 Kawasaki Electric	DAF-100 Daiwa Electric AS,	DEP-100 *1 Daiwa Electric or KP-419C *2 Kawasaki Electric	STP-1 Daiwa Electric UL, CSA,	STP-1 Daiwa Electric UL, CSA,	STP-1 Daiwa Electric UL, CSA
Stopper Cord	HEYCO 4N-4		HEYCO 4N-4	HEYCO 3P-4 UL, CSA,	HEYCO 3P-4 UL, CSA,	HEYCO 3P-4 UL, CSA
		-	-			

\*1 VDE, SEMKO, DEMKO, NEMKO, FIMKO, KEMA, SEV \*2 VDE, SEMKO, DEMKO, NEMKO, FIMKO, KEMA, SEV

Note

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IC101, 102 LM1011N. NE545B IC103, 104 BA 658 Q101, 102 25C1222, 25C1682, 25C1327 Q103, 104,105) 0106. 107,108 25C900, 25C732, 25C644 Q112, 113, 114 Q115, 116 25C509, 25C1384, 25D467 Q117, 109, 110 2SD2351, 2SD389, 2SD288 1Z24, MA1240, RD24E, HZ24 HZ6A-1, HZ6A-2 ZD101 ZD102,103 1N60. OA99. SD34 D103. 104 D111. 112 VARISTOR 10E2 15886 F14B D113, 114 D107, 108 10E1 151885 F14A D109, 110 GL-9PG2

1. \$101-1-\$101-16 RECORD PLAY MODE SW (PLAY POSITION)

GL-9PR2

- 2. S102-1 BIAS SW (NORMAL POSITION)
- 3. 5103-1-5103-6
- EQ (NORMAL CrO2 METAL) SW (Fe203 NORMAL POSITION) 4. S104-1-S104-4 NR& MPX SW
- (NR& MPX OFF, NR& MPX ON, NR& MPX OFF)
  (NR& MPX OFF POSITION)
- 5. S105-1-S105-4 INPUT SELECT & LINE MUTE SW

  (MIC/DIN, LINE, LINE MUTE)

  MIC/DIN POSITION

  6. S106-1- S106-2
- MEMORY SW

  (MEMORY OFF POSITION)

  7. THE FOLLOWING PARTS WILL BE CHANGED WHEN DOLBY IC101, 102 ARE REPLACED FROM LM1011N TO NE645B.

<b>±</b> ♦¬		NE 645 .	LMIOIIN	
±₹	R229.230	180K 1/4 W	-	
<u>  10µ-16</u>   ±	R231, 232 233, 234	1K 1/2W	1	
	C145, 146		10µ-16V	]
200K × 270K	R173,174		270K	1
	R177, 178		560K	1
717				-

8 THIS SCHEMATIC DIAGRAM WILL BE CHANGED WHEN DOLBY LAB'S RECOMENDATION MAKE IT NECESSARY.

TD1 SF1R3B41 2P1M M23C D3 10E2 1S1886 F14B PL1 CASSETE LAMP Q1.2 2SC373, 2SC945, 2SC828

1C101-104 R101-R300. C101-C219 L101-L108, S101-S105 Q101-Q118, VR101-108 CT101-102 D101-114, ZD103 E101-E106, E1-E8 PL1. D1-02 T1. T101, S1~54

## K-5A (E-TYPE)

### SPECIFICATIONS

Heads:

2 head (sendust)

Record/Playback Head x 1

Erase Head x 1

Wow & Flutter:

Signal-to-Noise Ratio:

no more than 0.06% (W.R.M.S.) better than 58dB (DOLBY\* OFF) . . . metal tape better than 65dB (DOLBY \* ON) ... metal tape better than 65dB (DOLBY \* OFF) ... CrO<sub>2</sub> tape better than 63dB (DOLBY\* ON) ... CrO, tape better than 50dB (DOLBY\* OFF) ... LH tape better than 60dB (DOLBY\* ON) ... LH tape

Frequency Response:

30 - 20,000Hz (metal tape) 30 - 18,000Hz (CrO<sub>2</sub>) 30 - 16,000Hz (LH tape)

Overall Distortion:

no more than 1.5% (LH tape, 1kHz, 0dB) Real Analyzed Distortion: no more than 0.7% (LH tape, 1kHz, 0dB)

Input Sensitivity:

line in; 100mV

0.45mV (recommended microphone impedance: 600~10k ohms)

2mV/1k ohms

Output Level:

580mV line in;

mic.;

DIN.;

20 W

headphone 1mW (8 ohms load)

Additional Features:

REC. MUTE function, Bias Fine Adjuster, 3-position Bias/Equalizer Selector (CrO<sub>2</sub>, normal

metal), Peak Indicator, Memory

Counter, Dolby\* Noise Reduction system,

Headphone Jack

Power Consumption:

Dimensions:

438(W) × 264(D) × 150(H) (17-1/4" x 10-3/8" x 5-29/32")

(including Leg, Rear Protrusions & Knobs)

Weight:

5.8 kgs (12.8 lbs.)

6.8 kgs (15.0 lbs.) Gross

Specifications and appearance design subject to change without notice. Dolby is a trademark of Dolby Laboratories.